

## **Automotive rack and pinion steering gear mechanism**

**Patent number:** DE19811917

**Also published as:**

**Publication date:** 1998-09-24

 FR2761038 (A)

**Inventor:** PRETTO ALAIN DE (FR); PARIS BERTRAND (FR)

**Applicant:** ARDEPA (FR)

**Classification:**

- **international:** **B62D3/12; F16H55/28; F16H57/12; B62D3/00;**  
**F16H55/02; F16H57/00; (IPC1-7): B62D1/04;**  
F16H55/28; B62D1/04

- **european:** B62D3/12B; F16H55/28; F16H55/28B

**Application number:** DE19981011917 19980318

**Priority number(s):** FR19970003264 19970318; FR19970012208 19971001

[Report a data error](#) [he](#)

### **Abstract of DE19811917**

An automotive steering wheel and column is linked to the vehicle steering track rods by a rack (5) and pinion (1) gear which are held in contact by a spring (17). The spring (17) exerts two levels of pressure which are determined by the position of a rest (14) surface against which the rack (5) teeth rub, and a guide (15) on the rest (14) surface.

---

Data supplied from the **esp@cenet** database - Worldwide